US Serial No.: 10/829,049

Response to Final Office Action

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph bridging pages 1 and 2 with the following rewritten

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paragraph:

On the other hand, Japanese Laid-Open Patent Publication No. 40,530 of

February 1995 discloses a cleaning apparatus for cleaning the outer surface of a

plate cylinder. The cleaning apparatus includes a cleaning fabric which is nipped

between a pressure pad and the outer surface of the plate cylinder to clean the

outer surface of the plate cylinder with the cleaning fabric. However, the cleaning

apparatus is inadequate to clean the outer surface or printing plate of the plate

cylinder involving the silicon layer and the silicon particles. The printing plate

may be scratched and damaged with the silicon particles sandwiched between the

cleaning fabric and the printing plate by reason that the cleaning fabric is pressed

hard against the printing plate by the pressure pad.

Please replace the third full paragraph on page 2 with the following rewritten

paragraph:

Other Another object of the invention is to provide the pressure pad to be low in

installation cost and running cost.

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Please replace the fourth full paragraph on page 2 with the following rewritten

paragraph:

Other Another object of the invention is to provide the pressure pad to keep the

subject from being lowered in quality.

Please replace the third full paragraph on page 5 with the following rewritten

paragraph:

In the embodiment, the base portion 8 is formed of NBR rubber having a hardness

(e.g., shore hardness) of 50 to 60 degrees and a thickness of about 2.5 mm. The

particular portion 6 is formed of NBR rubber having a hardness (e.g., shore

hardness) of 20 to 40 degrees and a thickness of 2.0 to 4.0 mm. In addition, the

particular portion 6 and the base portion 8 are formed integrally with each other

by being pressed with a predetermined high pressure and under a predetermined

temperature.

Please replace the first full paragraph on page 8 with the following rewritten

paragraph:

In addition, the base portion 8 has the hardness (e.g., shore hardness) of 50 to 60

degrees and the thickness of about 2.5 mm, as described above. These values are

suitable to make the pressure pad 2 deformed by the pressurized air and keep the

particular portion 6 and the cleaning fabric 4 being opposed to the outer surface of

the plate cylinder 38. The particular portion 6 has the hardness (e.g., shore

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hardness) of 20 to 40 degrees and the thickness of 2.0 to 4.0 mm, as also

described above. These values are suitable to make the cleaning fabric 4 pressed

not hard but softly against the printing plate by the particular portion 6.

Please replace the fourth full paragraph on page 9 with the following rewritten

paragraph:

In other another embodiment shown in FIG. 9, the cleaning fabric 4 is directed to

the take up shaft 34 from the supply roll 36 through the pressure pad 2, as in the

case of the cleaning apparatus of FIG. 1. The cleaning apparatus includes means

48 for moving the whole cleaning unit toward and from the outer surface of the

plate cylinder.

Please replace the fourth full paragraph on page 10 with the following rewritten

paragraph:

In other another embodiment shown in FIG. 12, the base portion 8 includes

opposite side portions 54 to be fixed. The base portion 8 further includes a

specified surface formed between the opposite side portions 54 and opposed the

subject. The particular portion 6 comprises a layer extending throughout the

specified surface of the base portion 8. In the embodiment, the subject comprises

an impression cylinder 56 of the offset printing press.

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paragraph:

In other another embodiment shown in FIG. 13, the base portion 8 is cylindrical.

The particular portion 6 comprises a layer extending circumferentially of the base

portion 8. The particular portion 6 has a hardness or 20 to 30 degrees. In the

embodiment, the subject comprises a paper 58 to be printed. The cleaning fabric

4 is nipped between the particular portion 6 and the paper 58 to clean the surface

of the paper 58 and remove lint with the cleaning fabric 4. In addition, the

particular portion 6 and the base portion 8 are rotated in a direction. The cleaning

fabric 4 is fed in the direction in which the particular portion 6 and the base

portion 8 are rotated. The paper 58 is also fed in the direction in which the

cleaning fabric 4 is fed, to wipe and clean the surface of the paper 58 by means of

the difference in speed of the paper 58 and the cleaning fabric 4.